

This is G o o g l e's cache of http://www.beam.demon.co.uk/barclays/appinfo_update/design.html.
 G o o g l e's cache is the snapshot that we took of the page as we crawled the web.
 The page may have changed since that time. Click here for the [current page](#) without highlighting.
 To link to or bookmark this page, use the following url: http://www.google.com/search?q=cache:XLuSiyowcbMJ:www.beam.demon.co.uk/barclays/appinfo_update/design.html+%22separate+file+%22+++%22+each+application+++%22+BEAM%22+&hl=en&ie=UTF-8

Google is not affiliated with the authors of this page nor responsible for its content.

These search terms have been highlighted: **separate file each application beam**

BEAM

[Home](#) [Info](#) [Products](#) [Services](#) [Support](#) [Download](#)

XVI-SB APPINFO FILE SYSTEM DESIGN

T.Barnaby, BEAM Ltd, 21/9/98

Introduction

In the Barclays Customer System a number of what appear to be separate applications are actually a single running application. This causes some problems with the **BEAM XVI-SB** appinfo system when it comes to updating the individual Customer System Applications and their corresponding application info files.

Barclays would like to get the application developers generate individual appinfo files for the XVI-SB system. Due to the fact that most of the Barclays applications are actually only one application running then the current **BEAM XVI-SB** Appinfo system will only have one Appinfo file for most of the Barclays applications.

The application info files store the following information for certain useful application windows:

Object Type	The type of object (Button, list ...)
Label	A label associated with the object
Information	Information on the object

Design Solution for Barclays Customer System Application

Each application development unit produces a **separate file** with a unique name. The actual name is arbitrary but has the format <application name>_<version number>.api. For example there would be ae_1.api for account enquires. The "_1" refers to the version of this file. These files are stored in

the /xvisbconfig/appinfo directory on a **BEAM XVI-SB** terminal and can be independently saved and restored from hard disk, floppy disks or NFS mounted directories.

In addition to the application info files, there is a single application information list file of the name <xvisb application name>.apl (for Barclays main application: CoordinatorrunimageWindows4GL.apl). This file consists of a list of application info file names to search for (minus the version number and extension). When a request for information on a window comes in these files are searched in the order as given in the list for the appropriate information. The latter version of each file is used.

If no list file is found or if the XVI-SB software version number is before 3.3 the original application info file will be used in the conventional way.

Xvisbappinfo Extensions

The Xvisbappinfo application will enable the management and editing of the individual application info files and the application info file list.

The Xvisbappinfo application will have the following additional functionality:

New Application	Creates a new application information file. Asks the user to "click" on the running application. Checks if an application info file or if an application list file exists. If an application list file exists then the user will be asked for the name of the application file to use and the application list will be updated. If the application info file exists asks the user if they want to overwrite or edit the file. Otherwise if no files exists, asks the user if they wish to use an application list file or create a conventional application info file.
Edit Application	Asks the user to "click" on the running application. If there is an application list for this application, asks the user which application file to use and if they wish to up the version number. Checks if this application info file appears valid.
Delete Application	Deletes an application info or list file.
Save Application files	Saves application info and list files onto the floppy disk or NFS mounted volume.
Load Application files	Loads application info and list files from the floppy disk or NFS mounted volume.
Edit application List	Edits an application list file.

The files would be stored on the floppy disk in MSDOS format for ease of access.

Barclays Management and Updating of Systems

In order for Barclays to move to the new appinfo system the following steps will need to be carried out:

1. Decide what the application info file names will be for each of the internal applications of the Customer system.
2. Create version 1 of the application info files and the application list file.
3. Populate the application info files with data.
4. Create a compressed tar file for updating the live systems (xvisbconfig_3.3.1.tar.z)
5. Send this file to **BEAM** for inclusion with the base software release.
6. Optionally place this file (or a latter version) on the BP for updating the live systems automatically.
7. Upgrade the live XVI-SB systems with the new XVI-SB 3.3.1 software using the automatic network update facility.

Once the new system is in place updating of the individual application info files can be done on a master or slave XVI-SB system. Once the application info file has been updated (with a new version number) it can be placed individually or with other files into a compressed tar archive file for use in updating the XVI-SB live systems and placed on the appropriate BP's.

Creating the Xvisbconfig compressed Tar file

This file is a compressed (using gnu zip) tar archive of the /xvisbconfig directory of a master **BEAM** XVI-SB system.

It can contain all of the files in this directory tree or just a subset. On upgrading a system, the files in the archive will replace the files on the system. The layout of the /xvisbconfig directory is as follows:

appInfo	Text file describing application types, should not be modified by Barclays
graphicInfo	Text file containing information on graphics objects on the screen. This is updated whenever graphics object information is added through the application xvisbappinfo.
objInfo	Text File describing the object types on the system, should not be modified by Barclays.
appinfo	Directory containing application info files and lists.

The xvisbappinfo application allows a compressed tar file to be created from all or a selection of the files stored on the hard disk of a **BEAM** XVI-SB terminal. The resultant file can be stored on a floppy disk or copied to an NFS mounted directory on a remote host.